



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं. 34] नई विल्सो, शनिवार, अगस्त 24, 1985 (भाद्रपद 2, 1907)

No. 34] NEW DELHI, SATURDAY, AUGUST 24, 1985 (BHADRA 2, 1907)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है, जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
(Notifications and Notices issued by the Patent Office relating to Patents and Designs)

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#### PATENTS AND DESIGNS

Calcutta, the 24th August, 1985

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Telegraphic address "PATENTOFIS".

Patent Office, (Head Office),  
214, Acharya Jagadish Bose Road,  
Calcutta-700017.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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(5th, 6th & 7th Floor),  
Nizam Palace,  
234/4, Acharya Jagadish Bose Road,  
Calcutta-700020.

## CORRIGENDUM

(1)

1. In the Gazette of India, Part III, Section 2, dated 11th May 1985 under the heading "Applications for Patents Filed in the Patent Office Branch at Todi Estates, IIIrd Floor, Sun Mill Compound, Lower Parel (West), Bombay-400 013" in page 417, Column-1.

(i) in respect of Patent Application No. 67|Bom|85 for "T. R. LALJIBHAI JOSHI" read 'RAMESH CHANDRA L. JOSHI'.

(ii) in respect of Patent Application No. 72|Bom|85 for "COKHALE" read "GOKHALA".

(2)

1 In the Gazette of India, Part III, Section 2 dated 9th March, 1985 under th heading "COMMERCIAL WORKING OF THE PATENTED INVENTION" in pages No. 280 & 281 in the lines 5 & 6.

(i) For "Persons who are interested to work the purpose" read "Persons who are interested to work the said Patents Commercially may contact the patentees for the grant of licence for the purpose."

## APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 214, ACHARYA TAGADISH BOSE ROAD, CALCUTTA-17.

The dates shown in crescent brackets are the dates claimed under Section 13<sup>5</sup> of the Act

18th July, 1985.

532|Cal|85 Voest-Alpine Aktienesellschaft. Smelting process for recovering metals from non-ferrous metals oxide ores or concentrates and/or from fine grained non-ferrous metal sulfide ores or concentrates, and apparatus for carrying out that process

533|Cal|85 Cegedur Societe De Transformation De L' Aluminium Pechiney. Apparatus for continuously brushing and lubricating rolls of rolling mills for flat rolled products.

534|Cal|85 Lense Verwaltungs-GmbH. Filter Plate.

535|Cal|85 Reckitt & Colman of India Limited. An Applicator.

19th July, 1985.

536|Cal|85 Friedrich Werner FERRERI Apparatus for grinding in wet phase.

537|Cal|85 Lenxide Corporation. Method of making self-supporting ceramic materials.

538|Cal|85 Centro Sperimentale Metallurgico SpA Improvement in the production of metallurgical coke

539|Cal|85 Bayerisches Leichtmetallwerk Graf Blucher Von Wahlstatt GmbH & Co KG Forging Process.

540|Cal|85 Noel Carroll Fluid Flow Apparatus. (19th July, 1984) Australia

22nd July, 1985

541|Cal|85. Beloit Corporation. Controlled Deflection Roll.

542|Cal|85. E. I. Du Pont De Nemours and Company. Pre-expanded ion exchange membranes.

543|Cal|85. Proizvodstvennoe Obiedinenie "Turbotomotorny Zavod" Imeni K. F. Voroshilova Axial-Flow Gas Turbine.

544|Cal|85. Satake Engineering Co. Ltd. Vertical type screening machine for granular material.

23rd July, 1985.

545|Cal|85. Shanker Prasad Mishra, Chitra Mishra and Abha Mishra Silencer of explosion in Aircraft.

546|Cal|85. Institut Metallurgii I Obogashchenia Akademii Nauk Kazakhskoi SSR Process for treatment of spent vanadium-containing catalysts

547|Cal|85. Konrad Rosenbauer KG Service vehicle and transmission arrangement

548|Cal|85. Victor Company of Japan Ltd. Tape Cassette.

24th July, 1985.

549|Cal|85. Paques B V Anaerobic Purification Equipment for waste water.

550|Cal|85. Louis Worms. Energy Converter.

## APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH MUNICIPAL MARKET BUILDING, IIIRD FLOOR KAROL BAGH NEW DELHI-110005.

The 1st July, 1985

510|Del|85. Steel Authority of India Limited. "An improved power collector for coke quenching locomotives".

511|Del|85. Council of Scientific and Industrial Research. "An improved process for the desulphurisation of ferrous melt in the iron and steel industry" (Divisional date 14th October 1981).

512|Del|85 Council of Scientific and Industrial Research. "Process for the preparation of predominantly cantonic basic titanium tanning extract for use as a tanning material

513|Del|85 Council of Scientific and Industrial Research. "A process for the preparation of manganese dioxide coated titanium anodes for use in the production of electrolytic manganese dioxide"

514|Del|85 Wade Hylton Blazley. "Improvements to building structures" (Convention date March 4, 1985) (Australia)

515|Del|85 Vallourec. "Process for machining joints for tubes intended in particular for the petroleum industry containing at least one threaded one truncated surface and at least one screw stop and a device for implementing this process"

516|Del|85 Eugene Wozniak. "Separator plate for lead-acid battery".

517|Del|85 Eckel Manufacturing Co. Inc. "Powered back up tone".

518|Del|85 Mr. Amarnath Sen, Dr. D. N. Chakraborty and Dr. Nitendra Kumar. "Improvement in the method of preparation of IR transmitting permanent glasses".

2nd July 1985

519|Del|85 Exxon Research and Engineering Co., "Modified deoiling dewaxing process".

520|Del|85. Piaggio & C S p A, "Microprocessor using ignition advance varistor device for an internal combustion engine".

521|Del|85. Riaggio & C S p A, 'Cylinder for two stroke engine'.

522|Del|85 Piaggio & C S p A, Headlight for motor vehicles".

523|Del|85 Piaggio & C S p A, 'Protection for the footboards of a motorscooter's'.

524|Del|85 National Council for Cement and Building Materials, 'A bulk carrier'

31d July, 1985

525|Del|85. Shin Etsu Chemical Co, Ltd, Process "Process for production of vinyl chloride polymer".

4th July, 1985.

526|Del|85.Hartmann & Bhaun Aktiengesellschaft, "Method of and apparatus for determining the concentration of two components of a gas mixture".

527|Del|85. B V Machinefabriek v/h Pannevis & ZN, "Belt filter device".

528|Del|85 Rexnord Inc, "Apparatus and method for removing crushing rolls from a crushing apparatus".

5th July, 1985

529|Del|85 The English Electric Co Ltd, "Switches". (Convention date July 25, 1985) (U.K.)

530|Del|85 The English Electric Co Ltd, "Fuse Carrier", (Convention date July 25, 1984) (U.K.).

8th July, 1985

531|Del|85 Comalco Aluminum Ltd, Process for treatment of aluminous material containing iron". (Convention date April 29, 1981) (Australia).

532 Del 85 Kollmorgen Technologies Corporation, "Process for the photoselective metallization on non-conductive plastic base materials".

533|Del|85 Kollmorgen Technologies Corporation, "Improved system for selective metallization of electronic interconnection boards"

534|Del|85 Urban Transportation Development Corporation Ltd, 'Diagonally braced rail truck'

535|Del|85. The B.F. Goodrich Co., "Glas fiber reinforced vinyl chloride polymer products and process for their preparation".

536|Del|85. Morgan Construction Co., "Method for rolling and heat treating small diameter stainless steel rod".

9th July, 1985.

537|Del|85. Solvay & Cie., "Proces for the production of a water-insoluble nitrogenous organic base, starting from an aqueous solution of an alkali metal bicarbonate and the hydrochloride of the said base and process for the manufacture of Sodium bicarbonate".

538|Del|85. Westinghouse Brake and Signal Co. Ltd, "An actuator system". (Convention dated July 30, 1984) (U.K.).

539|Del|85. Sir Padampat Research Centre, "Process of utilisation of oligomer concentrate".

10th July, 1985.

540|Del|85. Armstrong World Industries, Inc., "Method of making a roll".

11th July, 1985.

541|Del|85. Specialised Polyurethane Applications Pty Ltd, "Borehole plug". (Convention date July 12, 1984, August 21, 1984, September 27, 1984 & October 9, 1984) (Canada).

542|Del|85. PPG Industries, Inc., "Method of melting material, particularly glass".

543|Del|85. Richter Gedeon Vegyeszeti Gyár R T, 'Nitrovinacamic acid derivatives and process for preparing same'.

544|Del|85 Richter Gedeon Vegyeszeti Gyár R T, "Aminocarbonic acid derivatives and process for preparing same"

545|Del|85 Richter Gedeon Vegyeszeti Gyár R T, '9—Or 11-substituted apovincamic acid derivatives and process for their preparation'.

12th July, 1985.

546|Del|85 Duracell International Inc, "Cell corrosion reduction"

547|Del|85. Energy Conversion Devices, Inc. "Stable photovoltaic devices and method of producing same".

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, AT TADI ESTATES, THIRD FLOOR,  
SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-400 013.

21-6-1985

152/BCM/85 Blacke-Durr Aktiengesellschaft.

-do-

154/BCM/85 Rajnikant Pannalal Kothari

V B Tol

156/BOM/85 A R Upadhyay

24-6-1985

157/BOM/85 Fruchsha Nariman Contractor

-do-

158/BOM/85 -do-

159/BOM/85 -do-

160/BOM/85 -do-

Cleaning device for regenerating heat exchangers

Regenerative heat exchanger.

Measured quantity dispensing container

Mobile Racks.

Ozone Dynamic Electron w. terpul her

A design for a spaceship as well as a deep sea vessel capable of going into the deepest seas in a comparatively light structure

A device to land helicopters to a smooth flat surface landing in extreme bad weather, on ships or on land.

Water tops made directly from dry air with special arrangements for washers to last for a long time.

A device to take open light bulbs and electron equipment to great depths under water.

161/BOM/85	G.B. Radhakrishnani	27-6-1985	Spring loaded belt tension tester.
162/BOM/85	-do-		Improved press and read type portable metal hardness tester.
163/BOM/85	F.R. Titus		Low voltage remote electrical or infrared controller for controlling water pumps.
164/BOM/85	RavOmprakash Bahel	28-6-1985	Improved Multi Pole Miniature circuit Breaker.
165/BOM/85	Hing Isian Lever Limited	3rd July 1984. Great Britain. 1-7-1985	Laundry Bars.
166/BOM/85	Superphone India Pvt. Ltd.		A pocket booklight.
167/BOM/85	Neelivinayak Rashinkar		An improved apparatus for unwinding tape from cable.
168/BOM/85	Vidyun Metallics Limited	2-7-1985	Disposable Plastic safety razor.
169/BOM/85	K.R. Dholaria	3-7-1985	A water lifting device with the help of steam energy.
170/BOM/85	Dr. Rohinee N. Merchant	3-7-1985	An improved intra uterine contraceptive device.
171/BOM/85	Gajanan Vitthal Sathaye		Float operated tracking mechanism for solar device having rigid link joining the float and the tracking frame, by a hinged connection.
172/BOM/85	Grahlakar Ganesh Gogate & M.K. Joshi		New Coil energising device for electromagnetic relays.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002.

1st July, 1985

- 494|MAS|85 Raychem Limited High voltage Apparatus. (July 2, 1984 G.B.)  
 495|MAS|85 Sunoflex, INC. Formed Fluid Coupling Apparatus.  
 496|MAS|85 S. C. H. V. Inc. Quick Connect Coupling.  
 497|MAS|85 Advanced Surface ESC Control Valve Device Arranged to Direct Graduated Release Operation.  
 498|MAS|85 Jeannette Schatzl. Process for Determination of The Last Intermediate Node in A Network of Numerous Interconnected Nodes.

2nd July, 1985

- 499|MAS|85 Dynamit Nobel Aktiengesellschaft. Process for Matting the Surface of Plasticizer-Containing Polyvinyl Butyral Sheetings.  
 500|MAS|85 Alorsius Theodosius Elisabeth Testroet, Trailer.  
 501|MAS|85 GS Hydro Oil. A Joint for a Pipe Provided with a Flared end.  
 502|MAS|85 Daniel M. Liss. Apparatus and Methodology for pulsed administration of Growth promoting agents.  
 503|MAS|85 Mobil Oil Corporation. Modified zsm-5 Catalyst, and Method of Preparation and Use Thereof.

3rd July, 1985

- 504|MAS|85 G. Viswanath Shet. Sandal Wood Oil Therapy.  
 505|MAS|85 International Business Machines Corporation. High Speed Processor.  
 506|MAS|85 International Business Machines Corporation. CRT Display Circuits.  
 507|MAS|85 Cuban Enterprise for the Import and Export of Medical Products Trading as Medicuba. Orthopedic External Fixing Apparatus

- 508|MAS|85 Shell Internationale Research Maatschappij B.V. Catalyst Activation.  
 509|MAS|85 Fareedoon Rustam Mistri. Tug for Rendering Assistance to a Larger Vessel. (Aug. 17, 84, U.K.)  
 510|MAS|85 Vanaja Ribbons & Allied Industries. A Bow Pack Ribbon.

4th July, 1985

- 511|MAS|85 Coimandel Prodorite Limited. A Method of Repairing Large F R P Storage Tanks and such Storage Tanks so repaired.  
 512|MAS|85 P. D. Joseph. Flowgen  
 513|MAS|85 Akzo N. V. Water-reducible coating composition based on an epoxy resin.  
 514|MAS|85 Noelle B. Mcfarlane. Production of refractory materials.  
 515|MAS|85 International Business Machines Corporation. Print frames, a set of printer frame components and method of assembly therefor.

8th July, 1985

- 516|MAS|85 Hoechst Aktiengesellschaft. Electrolysis cell with horizontally disposed electrodes.  
 517|MAS|85 Aluminium Pechincy. Variable-Thickness sector for A Rotary Disc-Type Filter.

9th July, 1985

- 518|MAS|85 Ramai Chettiar Sennaiyan Chettiar Ponnumwamy Chettiar Ayyathurai. A Device For Protecting A pump and Prime Mover.  
 519|MAS|85 Maschinenfabrik Rietet AG. Method and apparatus for the production of a yarn.  
 520|MAS|85 Brown & Williamson Tobacco Corporation. Improved Tobacco Expansion Process.

10th July, 1985

- 521|MAS|85 Syntex (U.S.A) Inc., Substituted 9-(1 or 3 monoacyloxy or 1, 3-Diacyloxy-2-propoxy-methyl) purines as antiviral agent. (Divisional to Patent Apln. No. 113|Cal|83).

522|MAS|85 Syntex (U S A) Inc., Substituted 9-1 or 3-monoacyloxy or 1, 3-Diacyloxy-2-propoxymethyl purines as antiviral agent. (Divisional to Patent Apln. No. 113|Cal|83).

523|MAS|85 Raychem Corporation, Method and apparatus four months, give notice to the Controller of Patents on electrical tracing system. (September 14, 1984; U.K.).

524|MAS|85 Institut Francais Du Petrole, Additives Compositions Useful in Particular for Improving the cold filterability properties of Oil Middle distillates.

525|MAS|85 The Dow Chemical Company, Expandable Synthetic Resinous Thermoplastic Particles and A Method for the Preparation Thereof.

526|MAS|85 Allan Lesley Smith, Toothpaste Dispenser.

527|MAS|85 Shell International Research Maatschappij B.V. Method and apparatus for cooling a hot product gas.

(July 13, 1984, Great Britain).

528|MAS|85 Kimerly-Clark Corporation, Dry Forming of reconstituted tobacco and resulting product. (May 23, 1985, Canada).

12th July, 1985

529|MAS|85 D. Jaichand, C/O Farcom Systems Manufacturing, An Improved Flat Cable and A Method of Manufacturing the same.

530|MAS|85 I.I.T., A Compact and Portable apparatus for welding metal wires and the like.

531|MAS|85 Charbonnages de France. Regeneration of silencers for ventilation installations.

532|MAS|85 International Totalizator Systems. INC. Secure placement of confidential information on a circulated blank ticket.

533|MAS|85 Saint Gobain Vitrage. Method and Device for extraction of A Glass Ribbon at the outlet of a float furnace, and the flat glass obtained.

534|MAS|85 Saint-Gobain Vitrage. Device for mounting a system comprising a member passing through a lateral wall of a float furnace.

535|MAS|85 Jack Knight (Developments) Limited. Differentials.

536|MAS|85 International Standard Electric Corporation. Semiconductor Device and Arrangement.

537|MAS|85 Maschinenfabrik Rieter AG. Feed Chute system for fibre material.

#### ALTERATION OF DATE

156528.

(525|Cal|83) Ante dated to 26th July 1979.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 26 of the Patents Rules, 1972.

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A limit number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

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CLASS · 170 B

156514

Int Cl. · C 09 k 3|14.

#### A METHOD FOR THE PRODUCTION OF POROUS CORUNDUM GRINDING TOOLS.

Applicant : VEB WIRKZEUGMASCHEN-KOMBINAT "7 OKTOBER" BERLIN, OF GEHRINGSTRASSE 39, 1120 BERLIN, DDR, GERMAN DEMOCRATIC REPUBLIC.

Inventors : 1. DIETMAR HAUPT, 2. MANFRED NIEBUHR, 3. DR. WOLFGANG SCHILLER, 4. DR. JOACHIM WIEGMANN.

Application No. 721|Cal|82 filed June 21, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A method for the production of porous corundum grinding tools characterized by

throughly mixing 75% to 96% of a abrasive grains based on corundum with grain sizes below 0.4 mm and 4 to 25% of a ceramic bond,

said bond comprises

a content of 60 to 99% by weight of an alcali borosilicate glass with a chemical composition in the range :

from 50 to 70% by weight of  $\text{SiO}_2$ ,  
from 1 to 30% by weight of  $\text{Al}_2\text{O}_3$ ,  
from 4 to 12% by weight of  $\text{B}_2\text{O}_3$ ,  
from 2 to 10% by weight a alcaline-earth metal oxides,  
from 10 to 20% by weight of alcali metal oxides,  
from 0 to 5% by weight of  $\text{Fe}_2\text{O}_3$ ,  
from 0 to 4% by weight of other components,  
which may be impurities in the raw materials used for the preparation for the glass,

a content of 1 to 10% by weight of alcalihexafluoroaluminates and/or equivalent mixtures of alcalifluoride and aluminiumfluoride preferably cryolite and a content of 0 to 30% by weight of plastic ceramic raw materials like clays, bentonites, china clays shaping the mixture to the desired form of grinding tools firing the green shaped articles at a temperature between 1000 and 1300 °C in a way that the grinding tools after firing comprise from 70 to 94% by weight of abrasive grains and from 6 to 30% by weight of an approximately homogeneous glass phase the latter containing from 22 to 31% by weight of  $\text{Al}_2\text{O}_3$  and the other components of the before mentioned bond in equivalent portions.

Compl. specn. 21 pages.

Drg. Nil.

CLASS : 141-A

156515

Int. Cl. : B 01 f 2/00.

METHOD OF PRODUCING AGGLOMERATES WELL SUITED FOR USE IN AN IRON PRODUCING BLAST FURNACE.

Applicant : NIPPON KOKAN KABUSHIKI-KAISHA, OF 1-2 MARUNOUCHI-1-CHOME, CHIYODA-KU TOKYO, JAPAN.

Inventors : 1. TSUNEO M-YASHITA, 2. NOBORU SAKAMOTO, 3. HIROSHI FUKUYO.

Application No. 828/Cal/82 filed July 19, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 8 Claims

A method of producing agglomerates well suited for use in an iron producing blast furnace from a fine iron ore having a dominant particle size of less than 5 mm, comprising the steps of :

adding a fluxing material and a solid fuel, such as, powdered coke, semicoke, pulverized coal or petroleum coke to said iron ore having a dominant particle size of less than 5 mm;

forming said material such as hereinbefore described, into pellets or briquettes of a size between 10 and 20 mm;

firing said pellets or briquettes in a travelling grate-type furnace including an updraft drying zone, a downdraft drying zone, an ignition zone and suction burning zone, whereby said agglomerates are obtained.

Compl. specn 19 pages.

Drg. 4 sheets.

CLASS : 85-J

156516

Int. Cl. : F 28 b 9/00.

#### FURNACE WALL COOLING ARRANGEMENT.

Applicants : (1) GOSUDARSTVENNY SOJUZNY INSTITUT PO PROKTHROVANJU METALLURGICHESKIH ZAVODOV, OF PROSLEK MIRA, 101, USSR; (2) VSE-SOJUZNY NAUCHNO ISSLEDOVATEL'SKY I PROYEKTNY INSTITUT PO OCHISKE TEKHNOLOGICHESKIH GAZOV, SPOCHNYYH VOD I ISPOLZOVANUJU VTORICHNYKH ENERGORUSSOV PREDPRIYATIY CHERNOI METALLURGI, "VNIICHERMETEN ERGOOCHISTKA", OF KHARKOV, PROSPEKT LENINA, 9, USSR.

Inventors : 1. LEV DMITRIEVICH GRITSUK, 2. VALEI Y IVANOVICH ZAITSEV, 3. DOFINA BORISOVNA FUTSYKOVICH, 4. LEONID ALEXANDROVICH TOMASHEV, 5. FELIX MATVELVICH KHOROSH, 6. VIKTOR IVANOVICH LITVINENKO, 7. STANISLAV VLADIMIROVICH GUBERT, 8. NIKOLAI PAVLOVICH ANDRANOV, 9. LEONID DAVIDOVICH GOLOD, 10. ALEXANDR FIMOVICH SUKHORUKO.

Application No. 899/Cal/82 filed July 31, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 8 Claims

An arrangement for cooling a furnace wall, comprising banks made up of cooling pipes and refractory inserts placed between these pipes, said banks being arranged over the periphery of the furnace wall and attached to the furnace shell, wherein each bank is divided along its vertical extent into sections each including cooling pipes welded to a metal sheet divided into several parts within this section.

Compl. specn. 15 pages.

Drg. 4 sheets.

CLASS : 68-D

156517

Int. Cl. : G 01 r 31/08.

#### A DEVICE FOR FINDING FAULTS ON ELECTRIC LINES.

Applicant : BBC BROWN, BOVERI & COMPANY LIMITED, OF BADEN, SWITZERLAND.

Inventor : 1. IVAN DE MESMAEKER.

Application No. 1058/Cal/82 filed September 13, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims

##### A device for finding faults on electric lines

in which the line current ( $L_1$ ) and the line voltage ( $L_2$ ) are applied to the primary of a current|voltage transformer ( $W_1$ ) and of a voltage transformer ( $W_0$ )

in which the secondary of current|voltage converter ( $W_1$ ) is loaded with an ohmic resistance ( $R$ ),

in which the secondary of the current|voltage transformer ( $W_1$ ) and of the voltage transformer ( $W_0$ ) is in each case connected to the inputs of a different stage (D) and of an amplifier (A) which is preceded in the circuit by a summing stage (S),

in which the outputs of the difference stage (D) and of the summing stage (S) are connected to the inputs of a first phase comparator ( $PK_1$ ) the output of which is connected to input of a limit value detector (GD), characterized in that

the secondary of the current|voltage transformer ( $B_1$ ) and of the voltage transformer ( $W_0$ ) is connected to the inputs of a second phase comparator ( $PK_2$ ) and that

an active connection exists between the output of the second comparator ( $PK_2$ ) and a circuit part (E) of the limit value detector (GD) for adjusting the limit value (G) in the limit value detector (GD).

Compl. specn. 12 pages.

Drg. 3 sheets.

CLASS : 64-B<sub>3</sub>

156518

Int. Cl. : H 01 r 31/00, 32/00.

#### DROP WIRE CONNECTOR AN IMPROVED CONNECTOR FOR ATTACHMENT OF DROP WIRES TO COMMUNICATION SERVICE LINES.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, AT 311 CENTER, SAINT PAUL, MINNESOTA 55144, U.S.A.

Inventor : 1. GARY ARTHUR BARIBEAU.

Application No. 243/Cal/83 filed February 28, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 8 Claims

An improved connector for attachment of drop wires to communication service lines having an insulating body containing two spring compression reserve contact elements each of which has an upper bifurcate end for receiving and making electrical contact with an insulated copper-coated steel drop wire wherein said insulating body member has a central threaded socket insert, said contact elements are at opposite sides of the threaded socket insert, and each of said contact elements has a lower bifurcate end for receiving and making electrical contact with an insulated copper wire; and comprising an insulating cap member fitting over said body member

and carrying a centrally positioned screw member for coacting with said socket insert in forcing said cap against or away from said body, said cap member being doubly channelled to provide a wire receiving channel in alignment with each of said contact elements and being slotted to provide access for said elements into said channels.

Compl. specn. 10 pages.

Drg. 2 sheets

**CLASS : 98-G**

156519

Int. Cl. : F 28 d 7|00.

**APPARATUS FOR REHEATING A FLUE GAS STREAM.**

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : 1. IRA LFROY JOY, 2. GENE DOUGLAS LEDBETTER.

Application No. 314|Cal|83 filed March 15, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**4 Claims**

An apparatus for heating a flue gas stream comprising :

- (a) a housing having an upstream gas inlet for receiving the flue gas stream to be heated, a downstream gas outlet for discharging the heated flue gas stream; and an access opening therein intermediate the gas inlet and the gas outlet;
- (b) tube bundle assembly means disposed within said housing intermediate the gas inlet and the gas outlet thereof, for conveying a heating fluid in heat exchange relationship with the flue gas stream passing through the housing, said tube bundle assembly means being translatable into and out of said housing through the access opening therein; and
- (c) mounting means for supporting said tube bundle assembly means within the interior of said housing across the flue gas stream passing therethrough, said mounting means further providing trackway means along which said tube bundle assembly means may be translated into and out of said housing.

Compl. specn. 11 pages.

Drg. 1 sheet.

**CLASS : 39-B; 70-B & C; 139-C & D**

156520

Int. Cl. : C 01 b 7|06; C 01 d 1|06.

**A PROCESS FOR ELECTROLYSIS OF AN AQUEOUS ALKALI METAL CHLORIDE SOLUTION.**

Applicant : KANEGAFUCHI KAGAKU KOGYO KABUSHIKI KAISHA, OF 2-4 3-CHOME, NAKANOSHIMA, KITA-KU, OSAKA, JAPAN

Inventors : 1. TOKUZO IJIMA, 2. YASUSHI SAMEJIMA, 3. TOSHIJI KANO, 4. YOSHIO HATTA.

Application No. 1241|Cal|81 filed November 9, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**8 Claims**

A process for electrolysis of an aqueous alkali metal chloride solution using a cation exchange membrane by which an electrolytic cell is divided into an anode compartment and a cathode compartment which comprises effecting the electrolysis while utilizing impact resilience of springs positioned at anodes and exerting positive pressure on the cathode compartment.

Compl. specn. 13 pages.

Drg. Nil

**CLASS : 172-D<sub>2</sub>**

156521

Int. Cl. : D 01 h 13|00

**DEVICE FOR SYNC. RTLD GRIPPING OF EMPTY OR WOUND BOBBINS ON A RING-SPINNING OR RING-TWISTING MACHINE**

Applicant : MASCHINENFABRIK RIETER AG, OF WINTERTHUR, SWITZERLAND.

Inventors : 1. KATSUMI SUGANO, 2. YOSHIO IKE-

Application No. 1103|Cal|82 filed September 24, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**7 Claims**

Device for concerted gripping of empty or wound bobbins on a ring-spinning or ring-twisting machine by means of spigots which are made of rigid material, are insertable into the bobbins and are provided on a carrier extending along the machine, and by means of a tube extending along the carrier, the internal pressure of the tube being variable and the tube extending in the longitudinal direction of the carrier between an abutment and the spigots and serving when its internal pressure is increased to press the bobbins against the spigots inserted therein characterized in that each spigot (13, 21) has on its side facing the tube (14) a side surface which is defined by two straight edges (17, 18, 22, 23) extending in the longitudinal direction of the spigot (13, 21), which edges (17, 18, 22, 23) serve as abutments for the internal surface of the bobbin (16) when the latter is pressed against the spigot (13, 21).

Compl. specn. 10 pages.

Drg. 1 sheet.

**CLASS 136-C**

156522

Int. Cl. : B 30 b 11|24.

**EXTRUDING SCREW FOR EXTRUSION OF POLYMERIC MATERIALS**

Applicant : KOBE STEEL, LTD., OF 3-18, WAKINO-HAMA-CHO, 1-CHOME, CHUO-KU, KOBE 651, JAPAN.

Inventors : 1. KATSUMI SUGANO, 2. YOSHIO IKEGAMI, 3. TADASHI KOUGE, 4. SHIRO KISHI.

Application No. 1152|Cal|82 filed October 5, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**4 Claims**

An extruding screw suitable for use in the extrusion of polymeric materials, said screw being rotatably accommodated in a cylinder and comprising at least in one of comprising and metering zones thereof :

main flights of a constant height having the top faces thereof disposed in gap relation with the inner surface of said cylinder;

at least one eccentric flight provided between said main flights in parallel relation therewith and having a height alternately reduced and increased gradually through a predetermined phase angle lying between 135 to 225 degrees; and

at least a couple of groove formed between said main flights one of said grooves having a depth alternately reduced and increased gradually through a phase angle corresponding to that of said eccentric flight and the other one of said grooves having a depth alternately reduced and increased gradually with a phase lag from said one groove,

Compl. Specn. 15 pages.

Drgs. 2 sheets

CLASS : 155-A.

156523

Int. Cl. : D 21 h 1116.

**A BLADE-TYPE COATING APPLICATOR FOR COATING TRAVELLING PAPER WEBS.**

Applicant : BELOIT CORPORATION, P.O. BOX 350, BELOIT, WISCONSIN 53511, U.S.A.

Inventor : ROBERT JACOB ALHEID.

Application No 1156|Cal|82 filed October 5, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**7 Claims**

A blade-type coating applicator for coating travelling paper webs and including a generally upwardly projecting doctor blade (14) having an upper edge for coating nip relation across the width of a web (10) travelling continuously on backing surface means (7), means for delivering coating material (23, 33), and means extending across the width of the web for supplying the coating material from said delivering means under hydraulic pressure to said coating nip within a coating application pond chamber (37) defined in part by said doctor blade and said web running on said backing surface means and in addition by an application chamber floor area (36) spaced below said nip, characterized in comprising :

Pond pressure controlling means (38) associated with said floor area (36) providing an adjustable outlet orifice (39) for said chamber and spaced from said blade (14) at an upstream location relative to the direction of travel of said web (W);

and pressure fluid responsive means (48) for selectively adjusting said pond pressure controlling means for attaining a desired orifice dimension.

Compl. Specn. 11 pages.

Drgs. 1 sheet.

CLASS : D<sub>7</sub> & D<sub>7</sub>.

156524

Int. Cl. : B 65 h 54|00.

**METHOD OF MANUFACTURING AN ARTICLE SUCH AS AN AIRFOIL BY FILAMENT WINDING.**

Applicant : UNITED TECHNOLOGIES CORPORATION, AT 1 FINANCIAL PLAZA, HARTFORD, CONNECTICUT 06101, UNITED STATES OF AMERICA.

Inventors : 1. DALE EVANS SMITH, 2. WARREN HILL PINTER.

Application No. 1228|Cal|82 filed October 19, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**3 Claims**

A method of manufacturing an article such as an airfoil by filament winding, said method comprising the winding around a form (16) of a band of filaments (25) impregnated with adhesive, said method being characterized by effecting a reciprocating relative rotational displacement of said form (16) and said band (25) simultaneously with a reciprocating relative rectilinear displacement of said form (16) and said band (25) each change in direction of relative rotational displacement of said form (16) and band (25) occurring simultaneously with a corresponding change in direction of relative rectilinear displacement of said form (16) and band (25) whereby substantially all the filamentary material wound in any single layer on said form is disposed in a uniform angular orientation to an axis through said form.

Compl. Specn. 10 pages.

Drgs. 1 sheet.

CLASS : 48-D<sub>4</sub>.  
Int. Cl : F 16 b 2|00 H 01 r 7|00.**WEDGE-TYPE DEAD-FND CLAMP FOR ELECTRICAL CONDUCTORS.**

Applicant : PREFORMED LINE PRODUCTS COMPANY, 660 BETA DRIVE, CLEVELAND, OHIO 44143, U.S.A.

Inventors : 1. THEO SPRICK, 2. FRANZ WIRSCHITZ.

Application No. 1339|Cal|82 filed November 16, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**11 Claims**

A wedge type termination clamp assembly for electrical conductors comprised of :

a bottom member a pair of lateral side wall sections, and, a top cover member all defining a central passageway for receiving an electrical conductor therein with the inside walls of said members converging in a direction longitudinally of the assembly; characterized by said members each having parallel outer side walls with each wall having longitudinally extending undercut slots therein, and said side wall sections each having edges which converge in a longitudinal direction which edges have a flange offset from the plane of the side wall section of a shape to mate with said undercut slots whereby to hold said bottom and top member in assembled relationship with the inner surfaces thereof converging in a longitudinal direction.

Compl. Specn. 8 pages.

Drgs. 2 sheets.

CLASS : 55-F.

156526

Int. Cl. : C 12 k 1|02.

**PROCESS FOR THE PREPARATION OF OBLIGATE METHYLOTROPHIC BACTERIA.**

Application : HOFCHSI AKTIENGESELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. FRANZ-LUDWIG WINNACKER, 2. KARL ESSER, 3. PAUL PRAVE, 4. ULF STAHL, 5. RUDIGER MARQUARDT, 6. GERHARD WOHNER.

Application No. 1400|Cal|82 filed December 1, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**10 Claims**

A process for the preparation of obligate methylotrophic bacteria, which express contained foreign DNA, which comprises

(a) isolating a plasmid from an obligate methylotrophic bacterium,

(b) preparing from this and from a plasmid with selection markers a hybrid plasmid with a replicon inherent to the obligate methylotrophic bacterium,

(c) introducing this hybrid plasmid by transformation into a host organism and amplifying it there,

(d) after selection, treating the clones with a suitable conjugative plasmid and abolishing the mobilizability defect,

(e) conjugating the clones thus obtained with plasmid-free obligate methylotrophic bacteria as the recipient and

(f) selecting the desired clones.

Compl. Specn. 20 pages.

Drgs. 2 sheets.

CLASS : 32-F, & 32-F<sub>2</sub>b & 55-E<sub>4</sub>

156527

Int. Cl. : C 07 d 27|00 &amp; A 61k 27|00.

PROCESS FOR THE PREPARATION OF SUBSTITUTED 5-AROYL-1H PYRROLE-2-ACETIC ACID DERIVATIVES.

Applicant : RICHTER CEDEON VEGYESZETI GYAR RT., OF 19, GYOMROI UT, BUDAPEST X, HUNGARY.

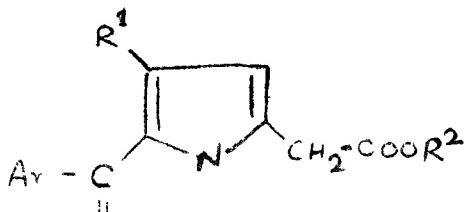
Inventors : 1. DR. KALMAN HARSANYI, 2. EVA AGAI NEE CSONGOR, 3. DR. GYORGY DOMANY, 4. DR. GABOR SZEPESI, 5. MARTA SZOLLOSY, 6. MARIA GAZDAG, 7. JOZSEF LORANT.

Application No. 456|Cal|83 filed April 19, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 4 Claims

Process for the preparation of substituted 5-aryl-1H-pyrrole-2-acetic-acid derivatives of the general formula (I) shown in the accompanying drawings.



wherein

Ar is phenyl optionally substituted with halogen alkyl having one to 4 carbon atoms or alkoxy having one to 4 carbon atoms;

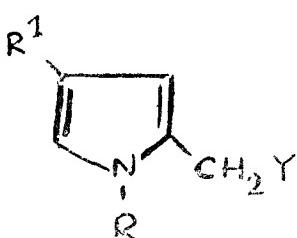
R is alkyl having one to 4 carbon atoms;

R¹ is hydrogen or alkyl having one to 4 carbon atoms;

X is oxygen;

R² stands for hydrogen, alkali metal or alkaline earth metal ion,

which comprises reacting at 15-35°C a pyrrole derivative of the general formula (II) shown in the drawings,



wherein R and R¹ have the same meaning as defined above  
Y stands for a -COOR³ group wherein R³ is an alkyl group having one to 4 carbon atoms, with an aromatic nitrile of the general formula (III)

AR-CN

wherein Ar has the same meaning as defined above, in an organic solvent, preferably aromatic hydrocarbon saturated with dry hydrochloric acid gas, and hydrolysing the obtained hydrochloride of a ketinone ester of the general formula (I) in which X stands for an imino group and R² is an alkyl group having 1-4 carbon atoms. R, R and R¹ have the same meaning as defined above, into a keto acid of the general formula (I), in which R² is hydrogen and X stands for an oxygen atom, Ar, R, R¹ have the same meaning as defined above and optionally reacting the keto acid with an alkali or earth alkali base.

Compl. Specn. 18 pages.

Drgs. 1 sheet.

CLASS : 206-E.

156528

Int. Cl. : H 01p 3|00.

A PREFORM FOR A HIGH BANDWIDTH OPTICAL FIBER.

Applicant : CORNING GLASS WORKS AT HOUGHTON PARK, CORNING, NEW YORK 14870, UNITED STATES OF AMERICA

Inventors : 1. ROBERT OLSHANSKY, 2. ARNAB SARKAR.

Application No. 525|Cal|83 filed April 30, 1983.

Division of Application No. 771|Cal|79 dated 26th July, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A preform from which is produced a high bandwidth gradient index optical filament and comprising an outer, an inner and an intermediate layer, said outer layer having a predetermined index of refraction and being destined, on drawing the preform, to form the outer cladding layer of the optical filament, said intermediate layer being a barrier layer comprising a base glass and at least one dopant, the quantity of each of said base glass and dopant throughout the thickness of the barrier layer being substantially uniform, said inner layer, destined to form the core of the optical filament, being of high purity glass having a gradient index of refraction and adhering to said barrier layer to form an interface, said inner layer consisting essentially of a base glass and one or more dopants, characterized in that to provide a preform, which on drawing, will provide a high bandwidth gradient index optical filament, said core is B<sub>2</sub>O<sub>3</sub> free and said one or more dopants is included in the core in an amount to provide across the cross section of the core a substantially continuously varying gradient index of refraction from said interface to the axis of the core, the core index of refraction at said interface being substantially equal to or less than the index of refraction of the barrier layer at the interface, there being no step increase in the index of refraction of the core at said interface, the barrier layer index of refraction in turn being at most equal to that of the cladding layer, there being no step increase in the index of refraction of the barrier layer at the barrier layer-cladding interface.

Compl. Specn. 22 pages.

Drgs. 3 sheets.

CLASS : 128-A.

156529

Int. Cl. : A 61 f 13|18.

PROCESS FOR PREPARING AN ABSORBENT STRUCTURE HAVING GRADIENT DENSITIES.

Applicant : JOHNSON & JOHNSON BABY PRODUCTS COMPANY, AT 501 GEORGE STREET, NEW BRUNSWICK, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor : 1. DENNIS CHARLES HOLTMAN.

Application No. 847|Cal|81 filed July 28, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

#### 2 Claims

Process for preparing an absorbent structure such as herein described which comprises forming a loosely compacted cellulosic batt having longitudinal sides longer than the transverse ends and compressing the batt in a contoured press or by calendaring at different pressures to provide gradient densities which increase from the center of the batt to the transverse ends and wherein the density near the transverse ends of the absorbent structure is at least 1.5 times the density in the central portion of the absorbent structure and a paperlike gradient densified skin is formed on one surface of the absorbent batt.

Compl. Specn. 15 pages.

Drgs. 2 sheets.

**CLASS : 56-B.** 156530

Int. Cl. : C 10g 11|00, 35'04.

**AN IMPROVED PROCESS FOR THE PREPARATION OF HYDROGEN-CONTAINING GASES.**

**Applicant :** HALDOR TOPSOE A/S, OF NYMOI FVF  
55. DK-2800 LYNGBY DFNMARK

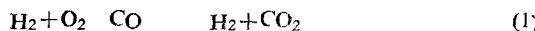
**Inventors :** 1. POUØ ERIK HOJLUND NIISSEN, 2 1 B  
DYBKJAER, 3 JOHN BOGILD HANSSEN

Application No. 1283|Ca' 81 filed November 18, 1981

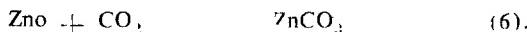
Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

**7 Claims**

An improved process for the preparation of hydrogen containing gases, especially an ammonia synthesis gas, from hydrocarbons by desulfurization of the starting material, primary and secondary reforming, conversion of carbon monoxide by carrying out the shift process



in two steps, removal of  $\text{CO}_2$  and methanation characterized in that the first step of the shift process is carried out in the presence of a catalyst consisting of copper oxide, zinc oxide and chromium oxide while using a feed gas having a steam to dry gas ratio below 0.5, at a pressure of 10 to 50 atm abs. and a temperature of 190 to 40°C, and the second step of the shift process in the presence of a catalyst consisting of copper oxide, zinc oxide and aluminum oxide at an inlet temperature of 160 to 195°C which at the same time fulfills the condition of being at least the highest of the two temperatures  $(T_1 + 10)^\circ\text{C}$  and equilibrium temperature for the reaction



both, under the reaction condition actually prevailing

Compl. Specn. 16 pages.

Drgs. 1 sheet.

**CLASS : 133A.** 156531

Int. Cl. : H02 p 5|00, 7 00.

**SLIP-RECOVERY WOUND ROTOR MOTOR DRIVE ASSEMBLY.**

**Applicant :** WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA

**Inventors :** 1. ROGER BRADLEY HERBERT, 2 ALAN FREDERICK WILKINSON, 3 LOUIS WOODROW HERCHENROEDER

Application No. 54|Ca' 82 filed January 13, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

**17 Claims**

A slip-recovery wound-rotor motor drive system of the type including an AC motor having stator and rotor, an AC power line for supplying electrical energy to said stator and a load driven by said rotor, the system comprising

a first bridge of SCR (semiconductor rectifier) devices adapted to be controlled in a natural mode of commutation by said rotor;

a second bridge of SCR devices adapted to be controlled in a natural mode of commutation by said AC power line;

A DC link between said first and second bridges;

first means for gating the SCR devices of said first bridge to establish a retardation angle  $\delta_L$ ;

second means for gating the SCR devices of said second bridge to establish a retardation angle  $\delta_L$ ;

said angles  $\delta_L$  and  $\delta_L$  being controlled as a function of speed to operate said first and second bridges in opposite ones of a converting and an inverting mode.

Compl. Specn. 28 pages.

Drgs. 12 sheets.

**OPPOSITION PROCEEDINGS**

**(1)**

The application for patent No 149901 by Shri Ballapragada Neeraja Sundararaja Rao, in respect of which an opposition was entered by The Board of the Tea Research Institute of Ceylon, as notified in the Gazette of India, Part-III, Section 2 dated the 18th December, 1982 has been treated as withdrawn.

**(2)**

The opposition entered by M/s. Wox Coolers Private Ltd. against the grant of a patent for the application for patent No 152397 made by Shri Shyam Sunder Bhoot as notified in the Gazette of India, Part-III, Section 2 dated the 7th July, 1984 has been allowed and the grant of a patent on the application refused

**(3)**

An opposition has been entered by Kishore Mahadeo Pole of M/s Walchandnagar Industries Limited, Walchandnagar to the grant of a patent on application No. 155043 made by Shri Jagannath Ramchandra Yadav, Satara.

**(4)**

An opposition has been entered by M/s. Pressure Cookers & Appliances Ltd. to the grant of a patent on application No. 155197 made by the Prestige Group Pvt. Ltd., formerly the Prestige Group Limited.

**(5)**

An opposition has been entered by M/s. Khaitan Fan Private Limited to the grant of a patent on application No. 155307 (96|Del|81) dated the 20th February, 1981 made by M/s. Jav Engineering Works Limited.

**(6)**

An opposition has been entered by M/s Anushya Electronics (P) Ltd. to the grant of a patent on application No. 155354 (763|Del|80) dated 16th October 1980 made by Sh. Harbajan Singh Jabbal.

**CLAIM UNDER SECTION 20 (1) OF THE PATENTS ACT, 1970**

**(1)**

The claim made by IRECO INCORPORATED under section 20(1) of the Patents Act, 1970 to proceed the application for Patent No 154048 in their name has been allowed.

**(2)**

The claim made by IRECO INCORPORATED under section 20(1) of the Patents Act, 1970 to proceed the application for Patent No 154455 in their name has been allowed

**PATENTS SEALED**

147902 148115 152492 152563 153841 153851 153854 153857  
153860 153861 153871 153876 153877 153878 153879 153896  
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**AMENDMENT PROCEEDINGS UNDER SECTION 57**

Notice is hereby given that Shri Hari Sutta Gupta, Citizen of India, 765 O.T.C. Ram Road, Udaipur-31300 made an application for under section 57 of the Patents Act, 1970 for amending claim in his application for patented No. 235|Del|81 serial no 155889 dated 20th April, 1981 for 'Domestic Solar Cooker'. The amendments are by way of change in the address for service. The application for amendment and proposed amendments can be inspected free of charge at the

Patent Office Branch, M. M. Building, 3rd Floor, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had from this office on payment of the usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form-30 within three months from the date of this notification at the Patent Office Branch, New Delhi. If written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

#### RENEWAL FEES PAID

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## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act 1911.

The date shown in the given entry is the date of registration of the design included in the entry.

Class. 1 No. 154994. Di Cuc & Co., having its registered office at 1, Mahesh Villa, Worli, Bombay-400018 Maharashtra, India, a registered partnership firm "Steinhauer". 25th October, 1984.

Class. 1. No. 155800. United States Surgical Corporation, a Corporation of the State of New York, having its office at 150, Glover Avenue, Norwalk, Connecticut 06850, U.S.A. "Linear Surgical Stapler". 1st July, 1985.

Class. 1. No. 155327. New Friend & Company Private Limited, A company incorporated under the Companies Act, 5-Bhamashah Marg, Delhi-110009, India, an Indian Company "Time Piece". 25th January, 1985.

Class. 1. No. 155293. Parmat Boring Sales Corporation, Nijanand Building Near Corporation Bank, Dhebarbhai Road Rajkot-360002, an Indian Partnership Concern. "Colled Brass Cylinder". 14th January, 1985.

Class. 1. No. 155245. N S Type Foundry, 127-B, Brick Kiln Road, Purasavalkam, Madras-600 007 (Tamil Nadu)) and Indian Proprietary Firm of which Thirumath B Lalitha Balasubramanian, an Indian National residing at No. 931, Poonamallee Highway Road Madras-600 084 is the sole proprietrix. "Printing Type Fonts". 4th January, 1985.

Class. 1. No. 155455. Pan-M Marketing, B164, Geeta, Pandit Ramabai Road, Bombay-400007, Maharashtra State, an Indian sole Proprietary firm. "Lime Squeezel", 5th March, 1985.

Class. 1. No. 155623. Arpita Gifts, 23, Sethi Industrial Estate, 10-E, Suren Road, Andheri (East), Bombay-400093, an Indian Sole Proprietary firm. "Multi Pick" 2nd May, 1985

Class. 1. No. 155646. Marshal Industrial Compay, a partnership firm duly registered under the Indian Partnership Act of 1932, whose address is 103, Court Road, Moga-142001 (Punjab State) (India). "The Distribution part of seed-cum-Fertilizer Drill". 10th May, 1985

Class. 3. No. 155348. Vaseem Mirza, Proprietor of Day's Aid, Flat No. 205, Indrajeet Apartment, Red Hills, Hyderabad, Andhra Pradesh State. "Plastic Bottle". 30th January, 1985.

Class. 3. No. 153051. Nichio Koeiki Company, Ltd., of Room 1602, Palais Royal Akasaka No. 1 17-54, Akasaka 2-chome Minato-ku, Tokyo 107, Japan, "Portable Dry Ice Maker". 14th November, 1984.

Class. 3. No. 155061. Reckitt & Colman of India Limited, of 41, Chowinghee Road, Calcutta-700071, State of West Bengal, India, a company incorporated in India. "a Cap". 15th November, 1984.

Class. 3. No. 155716. V.I.P. Industries Limited, V.I.P. House, 88C, Old Phabhadevi Road, Bombay-400025, Maharashtra, India, an Indian Company. Brief-case". 28th May, 1985.

Class. 3. No. 155647. H. V. Industrial Electronics Pvt. Ltd., a company incorporated under the Indian Companies Act, 1956, of Choksi Chambers (3rd floor), Zaveri Bazar, Bombay 400002, State of Maharashtra, India, "Regulator". 10th May, 1985.

Class. 3. No. 155801. United States Surgical Corporation, a Corporation of the State of New York, having its office at 150, Glover Avenue, Norwalk, Connecticut-06850, U.S.A. "Linear Surgical Stapler". 1st July, 1985.

Class. 3. No. 155799. Eagle Flask Pvt Limited, an Indian Company under the Companies Act, at Eagle Estate, Talegaon-410507, Dist. Poona, Maharashtra State, India. "Yarn Holder". 1st July, 1985.

Class. 3. No. 155338. Plastuarts, 5, Mehta Building, 26, Calcutta Street, Ballard Estate, Bombay 400038, Maharashtra, an Indian Sole Proprietary Firm "Cassette Rack". 28th January, 1985.

Class. 3. No. 155657. A Kalvert & Co., a registered partnership firm, manufacturers and merchants of 90-92 Mazagon Road, Bombay-400010, Maharashtra State "Bottle made of Glass with Lid". 14th May, 1985.

Class. 3. No. 155533. Precision Engineering Enterprises, 3018 224, Chander Nagar, Tijji Nagar, Delhi-110035. (a sole proprietary concern). "LATTOO" (TOP), 27th March, 1985.

Class. 3. No. 155556. Corn Products Co. (INDIA) LTD., Incorporated in India, Shree Niwas House, H. Somani Marg, City of Bombay-400 001, State of Maharashtra, India. "Bottle". 4th April, 1985.

Class. 3. No. 155506. Wesifalsche Metal Industries KG Haack & Co., a German Company of P.O. Box 2840, D-4780 Lippstadt, West Germany. "A Multi-Chamber Lamp". 18th March, 1985.

Class. 3. No. 155277. Crystal Plastics & Metallizing Private Limited, Sanghi House, Pallikhi Galli, Off Veer Savarkar Marg, Prabhadevi, Bombay-400025, State of Maharashtra, a private limited company incorporated under the Indian Companies Act. "Comb" 8th January, 1985.

Class. 3. No. 155472. Mek Engineering Works Limited, a public limited company incorporated under the Indian Companies Act, whose address is Satyam Naupada, MG Road Thane-400602, State of Maharashtra, India, "BIN". 12th March, 1985.

- Class. 3. No. 155478. Murphy India Limited, an Indian Company, existing under the Companies Act, 1956, having its registered office at "CEAT MAHAL", 463, Dr. Annie Besant Road, Worli, Bombay-400025, State of Maharashtra, India. "Two band radio-cum-transistor case". 12th March, 1985.
- Class. 3. No. 155312. Crystal Plastics & Metallizing Private Limited, Sanghi House, Palkhi Galli, Off Veer Savarkar Marg, Prabhadevi, Bombay-400025, State of Maharashtra, a private limited company incorporated under the Indian Companies Act. "Combi". 16th January, 1985.
- Class. 3. No. 155479. Murphy India Limited, an Indian Company, existing under the Companies Act, 1956, having its registered office at "CEAT MAHAL". 463, Dr. Annie Besant Road, Worli, Bombay-400025, State of Maharashtra, India. "Two Band radio-cum-transistor case". 12th March, 1985.
- Class. 3. No. 155480. Murphy India Limited, an Indian Company, existing under the Companies Act, 1956, having its registered office at "CEAT MAHAL". 463, Dr. Annie Besant Road, Worli, Bombay-400025, State of Maharashtra, India. "Two band transistor-cum-tape recorder case". 12th March, 1985.
- Class. 3. No. 155484. Krishna Luggage Industries Private Limited, 51, Busant Appartment, Cuffe Parade, Colaba, Bombay-400005, Maharashtra, India, a Private limited company incorporated under the Indian Companies Act. "Sui Case". 13th March, 1985.
- Class. 3. No. 155477. Murphy India Limited, an Indian Company, existing under the Companies Act, 1956, having its registered office at "CEAT MAHAL". 463, Dr. Annie Besant Road, Worli, Bombay-400025, State of Maharashtra, India. "Television Set". 12th March, 1985.
- Class. 3. No. 155557. Prince Plastics, 312, Churchgate Chambers, 5, New Marine Lines, Bombay-400020, Maharashtra, an Indian Partnership Firm. "Bucket with lid". 4th April, 1985.
- Class. 3. No. 155500 V.I.P. Industries Limited, of V.I.P. House, 88-C, Old Prabhadevi Road, Bombay-400025, Maharashtra State, India, an Indian Company. "Briefcase". 28th May, 1985.
- Class. 3. 155715 V.I.P. Industries Limited, of V.I.P. House, 88-C, Old Prabhadevi Road, Bombay-400025, Maharashtra State, India, an Indian Company. "Briefcase". 28th May, 1985.
- Class. 3. No. 155682. V.I.P. Industries Limited of V.I.P. House, 88-C, Old Prabhadevi Road, Bombay-400025, Maharashtra State, India, an Indian Company. "Vanity Case". 16th May, 1985.
- Class. 4. No. 155537. Optex Industries, Sector 10 Market, Bhilai Nagar 490010, State of Madhya Pradesh, an Indian Proprietary firm. "Concave Curvature of Bifocal Lense". 29th March, 1985.
- Class. 4. No. 155193. JG Glass Industries Ltd., of pimpli, Pune-411018, Maharashtra State, India, an Indian Company. "Bottle". 19th December, 1984.
- Class. 8. No. 15524. Cosmique Trading Co., a partnership firm. 191, Main Faiz Road, New Delhi, who are Indian nationals of the above address. "Woollen Durries". 23rd March, 1985.

R. A. ACHARYA,  
Controller General of Patents  
Designs and Trade Marks

